

Converting Colors

YUV(45.7370, 15.9057, 31.8027)

Have a look what the booklet for
YUV(45.7370, 15.9057, 31.8027)
contains.

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Color

**YUV(45.7370, 15.9057,
31.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	52154E
RGB	82, 21, 78
RGB Percent	32%, 8%, 31%
CMY	0.6784, 0.9176, 0.6941
CMYK	0.00, 0.74, 0.05, 0.68
HSL	304°, 59%, 20%
HSV	304°, 74%, 32%
XYZ	5.1230, 2.8802, 7.4937
YIQ	45.7370, 18.0590, 30.6590

Conversions

Conversions Part 2

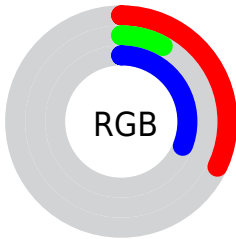
Format	Color
R_{YB}	82, 21, 78
Decimal	5379406
CIE _{Lab}	19.56, 35.60, -20.65
CIE _{LCh}	20, 41.162, 329.882
Yxy	2.8802, 0.3306, 0.1859
Android (android.graphics.Color)	4283569486 (0xFF52154E)
YUV	45.7370, 15.9057, 31.8027
Hunter-Lab	16.9712, 24.1829, -14.2997

Details

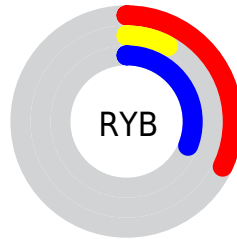
The YUV color **45.7370, 15.9057, 31.8027** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **57.2630, -15.9057, -31.8027**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.6340, 15.4634, 33.6470**, and **15.2380, 9.2497, 19.9623** is the 20% darker color. If you saturate the color by 10%, you get **40.9270, 17.7840, 36.0210**, and if you desaturate by 10%, it is **50.5470, 14.0273, 27.5843**.

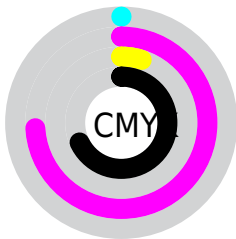
Distribution



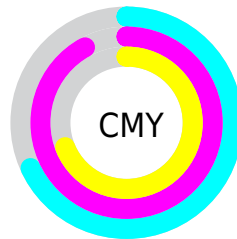
- Red (32%)
- Green (8%)
- Blue (31%)



- Red (32%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (74%)
- Yellow (5%)
- Black (68%)



- Cyan (68%)
- Magenta (92%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7370, 15.9057, 31.8027 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 45.7370, 15.9057, 31.8027 by changing the saturation by 10% instead.

45.7370, 15.9057,
31.8027

45.7370, 15.9057,
31.8027

255.0000, 0.0000,
0.0000

23.3130, 15.6217,
29.5435

95.6340, 15.4634,
33.6470

15.2380, 9.2497,
19.9623

121.3460, 15.6054,
34.7766

0.6840, 2.6208,
-0.5999

147.7590, 15.8948,
35.2914


0.0000, 0.0000,
0.0000


174.5850, 16.4736,
36.3210


202.2970, 16.6156,
37.4505


223.8890, 15.3377,


27.2843


 240.3250, 7.2348,
12.8700


 45.7370, 15.9057,
31.8027


 45.7370, 15.9057,
31.8027

 40.9270, 17.7840,
36.0210

 50.5470, 14.0273,
27.5843

 36.2310, 20.0991,
40.1394

 55.2430, 11.7122,
23.4659

 33.2960, 21.5461,
42.7134

 60.6400, 9.5445,
18.7327

 65.3360, 7.2294,
14.6143

 70.1460, 5.3510,
10.3960

■ 74.8420, 3.0359,
6.2776

■ 79.6520, 1.1576,
2.0592

■ 84.9350, -1.4470,
-2.5740

■ 89.7450, -3.3253,
-6.7924

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.8510, 26.2025, -4.2543



45.7370, 15.9057, 31.8027



37.2360, 5.7997, 53.2900

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.7370, 15.9057, 31.8027



44.9420, -22.1564, 13.2059



43.9980, 16.2700, -38.5862

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.7370, 15.9057, 31.8027



57.2630, -15.9057, -31.8027

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.4640, 2.7292, -35.4869



45.7370, 15.9057, 31.8027



40.9670, -20.1967, -8.7411

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.7370, 15.9057, 31.8027



43.8890, -21.6373, 33.4233



35.6420, -10.6695, -31.2580



45.3320, 26.4583, -39.7562

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.7370, 15.9057, 31.8027



37.3040, -4.0939, 53.2304



35.6420, -10.6695, -31.2580



42.8580, 11.9020, -37.5865

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.7370, 15.9057, 31.8027



93.3850, 6.2192, 11.9404



28.8510, 26.2025, -4.2543



45.6680, 3.6147, 7.3072



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.7370, 15.9057, 31.8027



50.5510, 24.8714, 49.5058



42.3170, 2.8017, 34.8020



38.6520, 1.1576, 2.0592



42.5670, 27.3285, 54.7537



94.1060, 60.5867, 120.9330

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.7370, 15.9057, 31.8027



50.5510, 24.8714, 49.5058



60.6830, -2.8017, -34.8020



38.6520, 1.1576, 2.0592



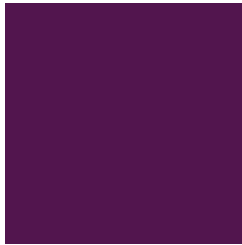
42.5670, 27.3285, 54.7537



94.1060, 60.5867, 120.9330

Previews

White Background



This preview shows how the YUV color 45.7370, 15.9057, 31.8027 looks on a white background.

Color Contrast Check

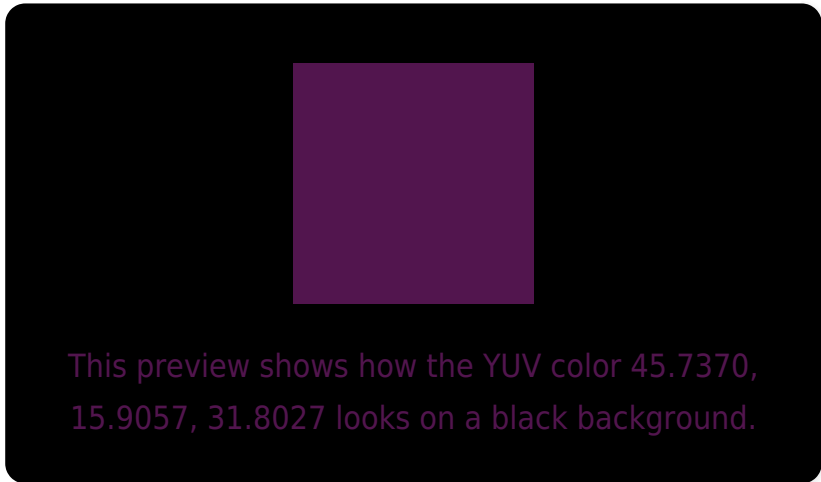
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

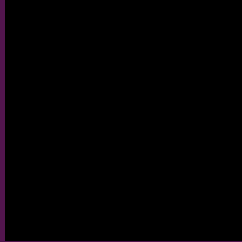
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 45.7370, 15.9057, 31.8027

Background



This preview shows how black text looks on a background with the YUV color 45.7370, 15.9057, 31.8027.



This preview shows how white text looks on a background with the YUV color 45.7370, 15.9057,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.7370, 15.9057, 31.8027

Protanopia

38.9890, 30.0784, -34.1934

Deuteranopia

48.2620, 12.6888, -9.8768



Tritanopia

48.1990, -5.0281, 26.1355

Trichromacy



Original Color

45.7370, 15.9057, 31.8027

Protanomaly

41.7640, 24.7663, -10.3170

Deuteranomaly

47.2900, 13.6610, 5.0077

Tritanomaly

47.2730, 2.8234, 27.8246

Monochromacy



Original Color

45.7370, 15.9057, 31.8027

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7370, 15.9057, 31.8027 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(82, 21, 78)` looks like.

```
.text, #text, p{  
    color:rgb(82, 21, 78)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(82, 21, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 21, 78) }
```

Border

The CSS property to change the border of an element to YUV 45.7370, 15.9057, 31.8027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(82, 21, 78) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(82, 21, 78) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(82, 21, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 21, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 21, 78);  
box-shadow:4px 4px 4px 4px rgb(82, 21, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.7370, 15.9057, 31.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 21, 78) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(82, 21,  
78) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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